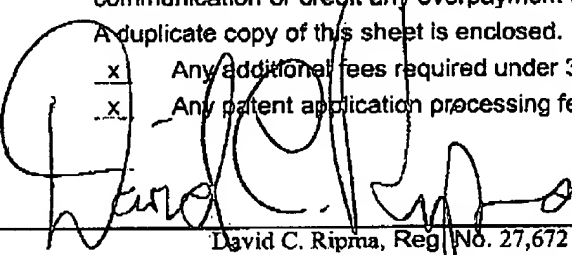
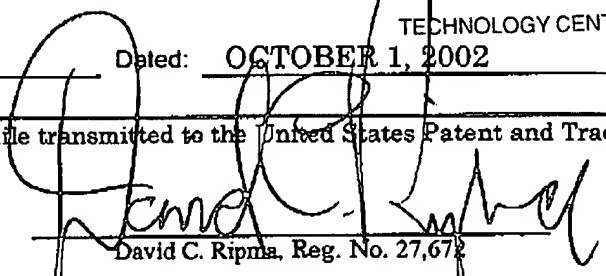


AMENDMENT TRANSMITTAL LETTER (Large Entity) Applicant(s): Wei Pan, Jer-shen Maa, David Evans and Sheng Teng Hsu				Docket No. SLA0493									
Serial No 09/820,068	Filing Date March 28, 2001	Examiner Michael K. Luhrs	Group Art Unit 2824										
Invention: Method of Barrier Metal Surface Treatment Prior to Cu Deposition to Improve Adhesion and Trench Filling Characteristics													
<u>TO THE COMMISSIONER FOR PATENTS:</u>													
Transmitted herewith is an amendment in the above identified application. The fee has been calculated and is transmitted as shown below.													
CLAIMS AS AMENDED													
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER OF EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE								
TOTAL CLAIMS	13 -	20 =	0	x \$18.00	\$0.00								
INDEP. CLAIMS	3 -	3 =	0	x \$84.00	\$0.00								
Multiple Dependent Claims (check if applicable) _____					\$0.00								
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00								
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p><input checked="" type="checkbox"/> No additional fee is required for amendment.</p> <p>_____ Please charge Deposit Account No. 19-1457 in the amount of \$0.00.</p> <p>_____ A duplicate copy of this sheet is enclosed.</p> <p>_____ A check in the amount of _____ to cover the filing fee is enclosed.</p> <p><input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-1457.</p> <p>_____ A duplicate copy of this sheet is enclosed.</p> <p><input checked="" type="checkbox"/> Any additional fees required under 37 C.F.R. 1.16.</p> <p><input checked="" type="checkbox"/> Any patent application processing fees under 37 C.F.R. 1.17.</p> </div> <div style="width: 35%; text-align: right;"> <p>FAX COPY RECEIVED</p> <p>OCT 1 - 2002</p> <p>TECHNOLOGY CENTER 2800</p> </div> </div> <div style="margin-top: 20px;"> <p style="text-align: center;">Dated: OCTOBER 1, 2002</p> <p style="text-align: center;">  David C. Ripma, Reg. No. 27,672 </p> </div>													
I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office under 37 C.F.R. §1.8 at Fax No. (703) 872-9318 on October 1, 2002. <div style="text-align: right; margin-top: 20px;">  David C. Ripma, Reg. No. 27,672 </div>													
Note: Each paper must have its own certificate or transmission, or this certificate must identify each submitted paper. The papers submitted include: <table style="width: 100%; margin-top: 10px;"> <tr> <td style="width: 70%;"><input checked="" type="checkbox"/> This Amendment Transmittal Letter (Duplicate Attached)</td> <td style="text-align: right;">2 page(s)</td> </tr> <tr> <td><input checked="" type="checkbox"/> Response under 37 CFR § 1.111</td> <td style="text-align: right;">4 page(s)</td> </tr> <tr> <td><input checked="" type="checkbox"/> Attachments</td> <td style="text-align: right;">page(s)</td> </tr> <tr> <td>_____ Petition for Extension of Time under 37 C.F.R. § 1.136</td> <td style="text-align: right;">page</td> </tr> </table>						<input checked="" type="checkbox"/> This Amendment Transmittal Letter (Duplicate Attached)	2 page(s)	<input checked="" type="checkbox"/> Response under 37 CFR § 1.111	4 page(s)	<input checked="" type="checkbox"/> Attachments	page(s)	_____ Petition for Extension of Time under 37 C.F.R. § 1.136	page
<input checked="" type="checkbox"/> This Amendment Transmittal Letter (Duplicate Attached)	2 page(s)												
<input checked="" type="checkbox"/> Response under 37 CFR § 1.111	4 page(s)												
<input checked="" type="checkbox"/> Attachments	page(s)												
_____ Petition for Extension of Time under 37 C.F.R. § 1.136	page												
Total pages, including this Transmittal:					6								

#8/b
Beb
10/16/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	PATENT APPLICATION
)	
Inventors: Wei Pan,)	October 1, 2002
Jer-shen Maa,)	
David R. Evans,)	
Sheng Teng Hsu)	
)	Attorney Docket No.
Serial No.: 09/820,068)	SLA0493
)	
Filed: March 28, 2001)	
)	Group Art Unit 2824
Title: METHOD OF BARRIER)	
METAL SURFACE)	Examiner: Luhrs, M.
TREATMENT PRIOR)	
TO Cu DEPOSITION)	
TO IMPROVE ADHESION)	
AND TRENCH FILLING)	
CHARACTERISTICS)	
)	

RESPONSE UNDER 37 C.F.R. § 1.111

FAX COPY RECEIVED

OCT 1 - 2002

Hon. Commissioner for Patents
Washington, D.C. 20231

TECHNOLOGY CENTER 2800

Sir:

In response to the Office Action dated September 5,
2002, Applicant submits the following response:

A clean copy of the changes made to the application are
shown on the following sheet(s), and a marked-up version,
showing the changes made, is being submitted as Appendix A to